HIGHLANDER

THE DUNSLEY-ENVIROBURN-5 CLEAN BURN STOVE

MEETS THE REQUIREMENTS OF ALL THE RELEVENT BRITISH STANDARDS FOR THE UK

FREESTANDING ROOMHEATER

INSTALLATION AND OPERATING INSTRUCTIONS

All measurements of appliances in these instructions are approximate

See Page 5 for types of Fuels the Highlander-5 can burn

ALSO AVAILABLE WITH ATTACHED LOG STORE, SEE PAGE 10.

LEAVE THESE INSTRUCTIONS WITH THE HOUSEHOLDER

Manufactured by: Dunsley Heat Ltd, Bridge Mills, Holmfirth, Yorkshire, England

FOR **EXPERT** ADVICE ON FUELS, INSTALLATION & CHIMNEYS CONTACT:

Solid Fuel Association, 7 Swanwick Court, Alfreton, Derbyshire DE55 7AS Tel: 01773-835400

INSTALLATION INSTRUCTIONS

The ENVIRO-BURN Stove is built to the highest standard, using best quality materials and dedicated manufacturing methods, to give you a stove with superb clean burning, for efficient operation, together with pre-heated air wash which ensures a clean view of the fire with maximum efficiency.

The ENVIRO-BURN Stove is supplied with all firebricks fitted. Check that the firebricks are secure, see FIG. 10, check the two sidebrick holding brackets FIG. 10. are firmly in position.

Handle with care as firebricks break very easily under shock.

The ash lip can be removed as required by removing the two nuts at the rear and draw forward. See fig 6 page 6.

The serial number of this stove will be found on the aluminium label which is positioned on the outside back, bottom left, when you are facing the front of the stove.

The ENVIRO-BURN has been approved by HETAS LTD under the approval scheme, being safe and fit for its designed purpose.

STOVE GROSS WEIGHT - 80kg

ENVIRO-BURN PRODUCT CODE NUMBER-00320
Metallic black with top flue outlet in position.
Easily changed to rear flue outlet see page 9.

TECHNICAL SPECIFICATION

Fuel	Wood logs
Nominal heat output, kW	4.9
Nominated refuel period, h	0.75
Efficiency, % (NET BASIS)	78.9
Mean CO emission (at 13% O_2)	0.24
Mean flue gas temperature.°C	290
Flue gas mass flow, g/s	3.9

DETACHED PARTS SUPPLIED WITH THE ENVIRO-BURN

1 Operating Tool 1 Hooked Poker 1 Ash Shovel
1 Installation, Servicing and Users Instructions.

ACCESSORIES AVAILABLE ON REQUEST

1 Multi-Fuel Ash Container	- Part No. 01414
1 Fuel Carrier	- Part No. 01429
Decorative Window Trim	- Part No. 02112
Canopy, detachable, metallic black	- Part No. 02113

The Enviroburn Stove when installed and used correctly will give you many years of efficient service. Dunsley guarantees the Enviroburn Stove for a period of 3 years from the original date of purchase against all manufacturing faults. This includes delivery of parts, but does not include any labour involved in removing or replacing the parts. This guarantee does not apply to items which would be subject to fair wear and tear ie. all firebricks, Fuel Retainer Bar, Door Rope, Door Glass, Gaskets, Throat Plate.
Use of parts other than those supplied by Dunsley Heat Ltd, or overfiring of the Stove will invalidate the guarantee. This guarantee no way diminishes the buyers statutory or other legal rights.

Dunsley has been designing and manufacturing solid fuel heating equipment for over 50 years.

PLEASE READ THESE INSTRUCTIONS CAREFULLY - THEY CONTAIN ESSENTIAL INFORMATION

BEFORE YOU BEGIN... THIS APPLIANCE MUST NOT BE MODIFIED IN ANY WAY

Warning: The installer has a responsibility under the health and safety at work legislation to provide for the safety of person(s) carrying out this installation and to provide adequate protection.
Note that fire cement is caustic (wash thoroughly after use), and be aware of the possiblity of disturbing asbestos in older installations. No component on this appliance is manufactured from asbestos or asbestos related products.

This leaflet gives a guide to installation, but in no way absolves the installer from responsibility to conform to British Standards in particular, BS8303, ('Code of Practice for Installation of Domestic Heating and Cooking Appliances Burning Solid Mineral Fuel') and BS 6461 (Installation of Chimneys and Flues for Domestic Appliances Burning Solid Fuel including Wood and Peat), local and national building regulations, building standards Scotland and Local Authority bye laws. Or the rules in force in the country where the appliance is to be installed. Failure to install appliances correctly could lead to prosecution. All local regulations including those referring to national and european standards need to be complied with when installing the appliance.

Please note that it is a legal requirement under England and Wales Building Regualtions that the installation of the stove is either carried out under Local Authority Building Control approval or is installed by a Competent person registered with a Government approved competent persons scheme. HETAS Ltd operate such a scheme and a listing of their Registered Competent Persons can be found on their website at www.hetas.co.uk

Remember: the chimney is not simply a duct to carry gases away, it is an integral part of the appliance. No stove will work correctly unless the chimney is sound.

On first initial lighting of the stove condensation could occur causing discolouration of the glass, the condensation could turn to drops of water, this would particularly apply if the chimney was new or had not been used for a long time. This is a natural thing and should not be cause for concern. The same would apply if wet fuel is burnt, particularly wet wood.

Also note: The Enviroburn Stove is spray painted with a special heat resistant stove enamel paint. As it heats up for the first time the paint will commence to cure and the resin in the paint will give off a smell for 2 to 3 hours, this smell is not harmful. It is best to run the stove at low to medium temperature for the first 4 to 5 hours.

CHIMNEYS SHOULD

- Terminate above the ridge and in any case at least 1m above roof level.
- Be at least 4.1 metres high measured vertical from the top of the stove.
- Have a minimum internal cross section not less than 0.0176m^2 i.e. round 150mm diameter or 132mm square.
- Have a maximum internal cross section not greater than 0.14m^2 i.e. 375mm x 375mm.
- Be free from any cracks.
- Have no bends sharper than 45 degrees, and be free from obstructions.
- Be swept by a qualified chimney sweep.
- Be connected to this one appliance only.
- Older chimneys may have been poorly built or have developed cracks. If you suspect this, seek expert advice.
- If the chimney previously served an open fire it is possible that the higher flue gas temperature from a closed appliance may loosen deposits. It is recommended that the chimney be swept a second time within a month of regular use.
- This appliance is not suitable for a shared flue system.

FLEXIBLE FLUE LINERS - A twin wall flexible flue liner of 150mm diameter can be used as required. The twin walled flue liner must be approved as suitable for use on solid fuel appliances. Installation and servicing must be in accordance with the manufacturers instructions and building regulations 200. J in particular sections 1 and 2.
Suitable for approved smokless fuels and properly dry seasoned wood.

- Flue mass gas flow 3.9 Woodlogs

NEW CHIMNEYS - New masonry chimneys must conform to local building regulations. Factory made chimneys (twin wall insulated) should conform to BS 4543 Part 2, and be installed in accordance with the manufacturers instructions and BS 6461 Part 2. The single skin 150mm diameter fluepipe should be kept as short as practical and should not be used as a complete chimney, it should join the insulated chimney before passing through any ceiling, roof space or wall, this is designed to give a safe warm flue system. All parts must be accessible for cleaning.

EXTRACTOR FANS

An extractor fan must not be fitted in the same room as the appliance.

HEARTH AND APPLIANCE SETTING

The stove must be installed on a level solid hearth. Constructed of non combustable material, and extend 225mm in front of the stove, and 150mm to each side. There must be at least 75mm air gap between the back and the side's of the stove to give sufficient air circulation and 125mm between top of stove and lintel. Hearths should be constructed of a suitable robust material and appropriate dimensions. Refer to building regulations 2000 document J.
For your information on over run test the maximum temperature of the hearth in the centre directly underneath the Enviroburn 5 measured 63.9°C burning wood with ambient temperature of 21°C

COMBUSTIBLE MATERIALS

The safe distance from combustible material to the rear and side of the appliance should be 700mm side and 800mm from the rear. In addition the flue pipe must be a minimum of at least 3 times the flue pipe diameter from combustible material (normally 460mm) unless the combustible material is insulated in accordance with the building regulations in which case the distance can be reduced to 1.5 times the flue pipe diameter.
Care should be taken to keep soft furnishings and moveable items of furniture well clear of the stove.

AIR SUPPLY - Refer to table 1. of Document J. section 2

For appliances with a total heat output of up to 5kW (space and water heating) no provision is required as the natural leakage into the room around doors and windows may be adequate. However in well insulated rooms it may be neccessary to provide an additional air supply, the result of a smoke draw test will show if this is required. For appliances with outputs above 5kW an opening or openings with a total free area of 550mm should be provided for every kW of output above 5kW.

THE DUNSLEY ENVIRO-BURN MULTI-FUEL STOVE COMPLIES WITH THE FOLLOWING STANDARDS

ASPECT	STANDARDS USED	
	SOLID MINERAL FUELS	WOOD FUELS
Constructional and Dimensional Requirements		BS 7256:1990 EN.13240: 2001

FITTING THE STOVE

TWO POSSIBLE TOP FLUE OUTLET INSTALLATION ARRANGEMENTS

FIG. 1.

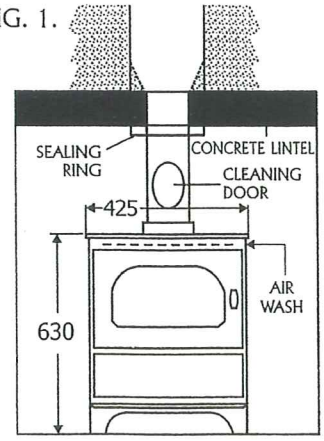
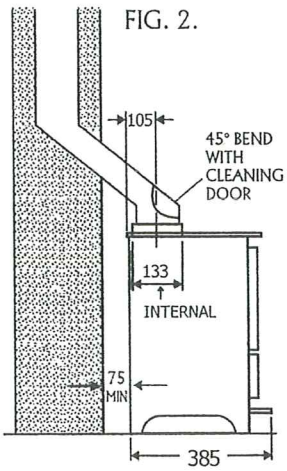


FIG. 2.



If it is intended to fit the canopy onto the stove, the overall height of the stove will increase by 130mm. See page 8. FIG 11.

For rear flue outlet, see page 9.

Place the stove in position on the hearth, ensure the stove is set on the level hearth in the required position. Levelling adjusting bolts are fitted on projecting brackets at the bottom rear of the stove and in the base of the front legs, with the bolt heads facing down to give a firm base, these adjusters may be used for final levelling on an uneven hearth. One 8mm hole is also provided in each rear bracket to fix the stove to the hearth as required.

Connect the appliance to the chimney using a length of 125mm diameter fluepipe, sealed to the stove and the chimney using glass fibre cord and fire cement.

The fluepipe connection can be vertical or have a single 45 degree bend. It may be fitted with a cleaning door for cleaning the chimney as shown at FIG. 1 , 2 , and 13.

The flue pipe can also be reached through the stove. To do this, ensure the fire is out and the stove cold, open the main door, remove the fuel retainer bar, remove the throat plate. The chimney can then be swept through the main door. After sweeping, replace the throat plate with the rear bend facing down and the front tab facing up see servicing instructions and FIG. 6. Page 6. Replace fuel retainer bar.

Possible methods of making the flue connection are shown, (see Fig 1 and Fig 2). For rear flue outlet see page 9. FIG 12. and 13.

Whatever method is used it is imperative that:

The complete flue from the stove itself to the top of the chimney terminal is sound. Even small cracks or gaps may cause smoking or poor performance.

The complete flue should be smooth internally without any voids in which gases can swirl or be cooled down, nor any ledges on which soot may accumulate.

It must be possible to clean the entire length of flue. In some installations it may be necessary to fit a cleaning door in the chimney.

If from experience it is decided there is excessive "draw" in the chimney and a draught stabilizer is fitted to the flue pipe or chimney in the same room as the appliance extra permanent air entry opening must be provided, see building regulations 2000 Document J. air supply.

INSTALLER'S DUTIES

Check that all parts are correctly fitted, visibly check that seals between components are in place. Light the fire, see operating instructions. Check that the flue functions correctly and all products of combustion are vented to the atmosphere through the chimney terminal.

Demonstrate use of the appliance, and accessories to the user, and hand over the instructions.

Offer to supply everything necessary for proper operation: Fuel, fuel store, fuel carrier, ash carrier etc.

Remind the householder of the need for regular chimney sweeping and draw their attention to the 'Warnings' in this document.

OPERATING INSTRUCTIONS

PLEASE READ THESE INSTRUCTIONS CAREFULLY - THEY CONTAIN ESSENTIAL INFORMATION

WARNING NOTE

Properly installed and operated this appliance will not emit fumes into the dwelling. Occasional fumes from de-ashing and re fuelling may occur. However, persistent fume emission is potentially dangerous and must not be tolerated. If fume emission does persist, then the following immediate action should be taken:

(a) Open doors and windows to ventilate room.

(b) Let the fire out or eject and safely dispose of fuel from the appliance.

(c) Check for flue or chimney blockage and clean if required.

(d) do not attempt to re-light the fire until the cause of the fume emission has been identified and corrected. If necessary seek expert advice.

OPERATING INSTRUCTIONS

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GETTING READY TO USE YOUR STOVE

When the installer has completed the installation go over these instructions with the installer before lighting the stove, also check flue system. An extractor fan must not be fitted in the same room as the appliance. It is essential that the fire has adequate air supply for combustion and ventilation. Apertures provided for this purpose shall not be restricted. Have the chimney swept at least once a year. Take care to clean the chimney, flue connections and flueways prior to lighting up after a prolonged shut down period. A fireguard conforming to BS6539 should always be used whenever children the old and/or infirm are present, as the exterior surface of the stove is a working heating surface and can get very hot. Do not use an aerosol spray near the appliance.

Do not operate the stove with the door open, except when lighting, re-fuelling or clearing ash, then operate according to the instructions, use the operating tool to open and close the door. Turn the knob anti-clockwise to open, clockwise to close.

Throat Brick
Ensure it is in the correct position resting on the side bricks and pushed well back against the back brick.
See page 6. FIG 6. For cleaning see maintenance on page 6.

LIGHTING

De-ash the firebed, fully open the primary air inlet, bottom control. Half open the top air wash control, see FIG. 4. Page 6. Place two or three fire lighters, or paper on the grate with plenty of small sticks of dry wood on top. Ensure you have a good fire base, fuel with more wood if required, lightly cover with the fuel you wish to use, light the fire lighters or paper, close and latch the stove door. When the fuel is burning well fully fuel the fire, adjust the air controls as required.
Do not over fire.

CONTROL

The rate of burning and the heat output is controlled by the amount of air entering the firebox via the primary air control which is situated below the glass in the door and the secondary air wash situated at the top of the door, see FIG. 4. Page 6. both are controlled by sliding action, right for ON, left for OFF.

The normal operating condition is with the primary air control open slightly approx 6mm. Open from fully closed with the second air control set at the required setting.

When burning fuels other than wood you may find that the primary air control requires opening to a greater degree particularly for a short while after re-fuelling.

If the fire has burnt down very low, open up the primary air control to revive the fire, use small pieces of wood if required.

The secondary air wash is the one that washes the glass to keep it clean, when closed for long burning periods the glass may discolour but should clear when the air wash is opened up again. The most suitable settings will quickly be found from experience. Move the air control slowly to find the suitable position.

When the secondary air wash is in the closed position the air control is still slightly open to allow a bleed of air into the stove to assist in maintaining the stove in good condition, when not in use.

DE-ASHING

To remove ash- when the stove is hot gloves should be worn. The ashpan should be emptied regularly before it becomes too full. Never allow ash to build up and touch the underside of the grate as this will seriously damage the grate bars.

The has a generous ash capacity below the grate bars, but care must still be taken.

Always allow the ash to go cold before disposing of it in pl[illegible]c dustbins or bags. Dunsley Heat can supply special ash carrie[illegible]o make it easier and cleaner to carry ash through the house and allow the ash to cool before putting it into plastic containers. The ash pan is the shovel type and can be kept in or out of the stove.

RE-FUELLING:

To re-fuel, de-ash as required, open door slowly, the firebox should be well filled but do not overfill. Do not allow any fuel to lodge between the glass and front bars, or touch the glass.

FUELS: SMOKE CONTROL REGULATIONS

The Enviro-burn 5 has obtained HETAS Ltd approval as a dry fuel stove for burning wood logs only as detailed in the list below. HETAS Approval does not cover the use of any other fuels either alone or mixed with the recommended fuels listed, nor does it cover instructions for the use of other fuels.

WOOD: The Highlander-5 Stove can take logs of up to 280mm (11") long, burn any type of wood as long as it is dry. By dry we mean that it contains less than 25% moisture. When first cut down, wood cells are full of water and will need drying for at least a year (outside under a shelter or tarpaulin will do) ensure there is air access to assist. Wet or 'green' wood wastes heat in making steam, and produces flammable acidic tars which will discolour the glass cling to and can damage your chimney or stove.

LOW BURNING: The Enviro-burn 5 will burn for longer periods by allowing the fire to burn down to a low hot firebed, removing the ash as required, filling fully and setting the air controls to a lower setting. Trials may be necessary to find the best settings.

THE DUNSLEY ENVIRO-BURN IS NOT DESIGNED TO BE OPERATED WITH THE FIRE DOOR OPEN. THE DOOR MUST BE CLOSED WHEN THE STOVE IS OPERATIVE

ECONOMY Surprisingly, best economy is achieved with the firebox full of fuel and the air control set nearly 'closed', to give a steady glow.

HOUSEHOLD WASTE AND NONE RECOMMENDED FUELS

Household waste containing plastic or batteries or aerosols must not be burnt. Remember that these items can explode, do not attempt to burn them. Also it is not recommended to burn petroleum coke, liquid fuels or treating the stove as an incinerator.

IT IS WISE TO CHECK THE FOLLOWING FROM TIME-TO-TIME:

THE STOVE MUST BE COLD.

CONDITION OF FIREBRICKS: Minor cracks in firebricks are quite normal due to the very high temperatures developed. Firebricks need only be replaced if part of the brick has broken away.

TIGHTNESS OF DOOR SEALS: It is essential that the door seals correctly against the stove body. After a period of use the glass-fibre rope seal may become compressed or damaged. The seal should be closely examined and replaced as required. Check the setting of the door to ensure it is fitting correctly with the seal tight against the body of the stove.

The hinges can be adjusted by the two locking nuts which are situated on the hinges one each side of the body of the stove.

The nut on the inside of the top hinge can be reached by a 13mm box spanner through the hole provided at the rear of the air wash guide.

The door catches can be tightened by moving a washer located on the back of the door catch, to the front of the door catch (between the handle and the door). To slacken reverse the procedure.

CLEANING THE STOVE BODY The decorative parts can be cleaned with a damp cloth when the fire is cool. Do not use abrasives or metal polish, and never use aerosols near to the burning fire. Should repainting become necessary, the stove fire should be out and the stove cold. High temperature paints are available from solid fuel stove outlets.

CLEANING THE WINDOW

The window of your Enviroburn Stove is made, not from glass, but from a tough transparent ceramic. With most fuels, it will remain fairly clean. An occasional wipe with a damp lint free cloth when the glass is cold is all that may be needed. Continual use at low Outputs, or wet wood, if wet may cause sticky tars to stain the glass. You can help prevent this by:

- Placing the firelighter and kindling fuel at the back of the stove when lighting.
- Keeping the Air Wash control half way open until the fire is nicely established.
- Using only dry wood.
- Severe stains can be removed when the glass is cold using special stove glass cleaning liquid available from solid fuel stove outlets.

PROBLEMS? Problems like those listed here are not normally caused by this applaince. They are due to some difficulty with the fireplace, chimney or fuels, so check back through this leaflet carefully. An extractor fan should not be fitted or used in the same room as the stove as this can cause the stove to emit smoke and fumes into the room.

CHIMNEY FIRE If the chimney is thoroughly and regularly swept, chimney fires should not occur. However if a chimney fire does occur turn the air control setting to the minimum , and tightly close the doors of the stove. This should cause the chimney fire to go out ir which case the control should be kept at the minimum setting unti the fire in the stove has gone out. The chimney and the flueways should then be cleaned. If the chimney fire does not go out when the above action is taken then the fire brigade should be callec immediately. After a chimney fire the chimney should be carefully examined for any damage. Expert advice should be sought if necessary

POOR HEAT OUTPUT? Use only recommended fuels in the correct sizes. Check main flue, check air intake, check fire bars, check space below fire bars, ensure ash is reasonably clear and not touching the bars

STOVE TO BE SHUT DOWN for a long period, de-ash and clean the fuel/ash area, leave the air controls open to maintain a flow of ai through the stove to avoif condensation or corrosion.

DIFFICULTY IN BURNING FOR EXTENDED PERIODS? If all the fuel has burned away, this is probably because too much air has been reaching it. There are several possible causes:

1. The doors may not have been closed properly.
2. The chimney draught was too high (this can be a problem with any fire) and usually happens when it is very windy.
3. The air slides were not adjusted correctly.
4. Not enough fuel was put on the fire.
5. The sealing rope on the doors or glass may require attention.

If much unburned fuel is left, then a little more air is required, so the air control should be adjusted accordingly. If the problem persists check the sealing of the flue pipe to the appliance and chimney.

FUME EMISSION INTO ROOM A slight fume emission into the room may occur while refuelling, but should not occur during normal running. If fumes occur in normal running **LET THE FIRE OUT AND CHECK THE FOLLOWING:**

1. Is the fluepipe well sealed into the appliance and chimney.
2. Check the flue way and throat plate at the top of the Stove is clear.
3. Check the chimney is clear (If the problem occurs after the fire has not been used for a period the chimney may be blocked by a birds nest or fall of ash and soot).
4. Can enough air enter the room - has the air brick been sealed? Double glazing installed or a fitted carpet closed gaps around the doors and skirting board?
5. Is there a downdraught on the chimney? This could be caused by a nearby tree, hill or high building and if this is suspected we recommend taking advice from a chimney expert.

MAINTENANCE AND SERVICING INSTRUCTIONS

Main Flue and throat brick must be kept clear. The frequency of cleaning will depend on use and the fuels burnt, as a guide we suggest:-

EVERY MONTH - When the fire is out and the stove is cool check on top of the brick plate for excessive deposits.

Raise the left side whilst moving to the left and lower the right side to rest on the fire bed, clean the throat brick without removing it from the stove. Replace in reverse order, ensure the throat sits on top of the side bricks

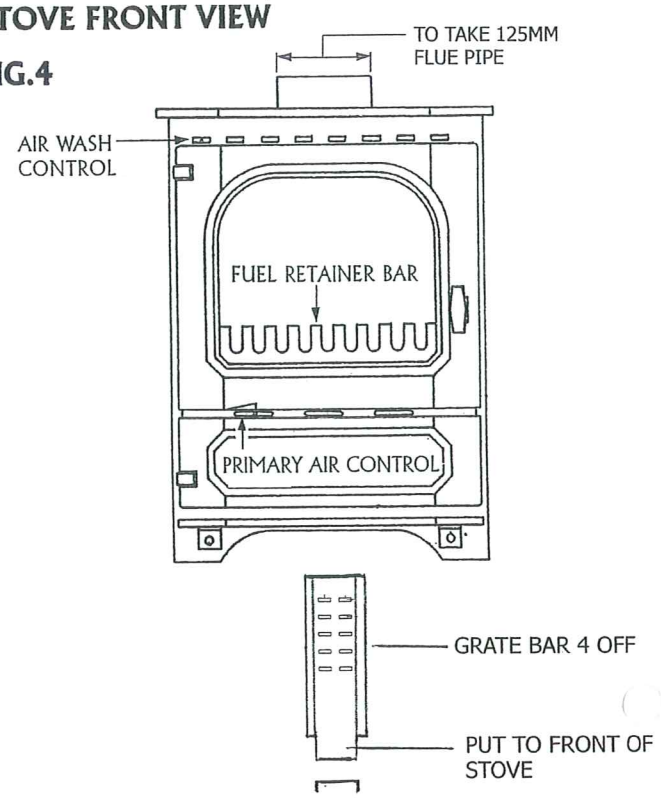
When it is required to sweep the main flue follow above procedure and remove the throat plate right side first. Replace in reverse order.

EVERY YEAR: Have the main flue swept, using a wire centred sweeps brush fitted with a guide wheel. We strongly recommend that you engage a qualified chimney sweep (see the information on the front cover). Any purpose provided ventilation should be checked periodically at least once per year to ensure that it is free from obstruction.

Summer shut-down or periods of prolonged non-use: If the appliance is not to be used for an extended period of time (e.g. during the warmer summer months) then it is wise to follow this procedure to avoid unnecessary corrosion being caused by a build up of moisture inside the stove: Thoroughly clean the inside of the stove to remove any unburned fuel and ash residues in the firebox and ashpit. Leave the air controls open to allow a flow of fresh air through the stove as ventilation.

STOVE FRONT VIEW

FIG.4



STOVE SIDE VIEW, WITH FIREBRICKS, THROAT PLATE, IN POSITION

FIG.6

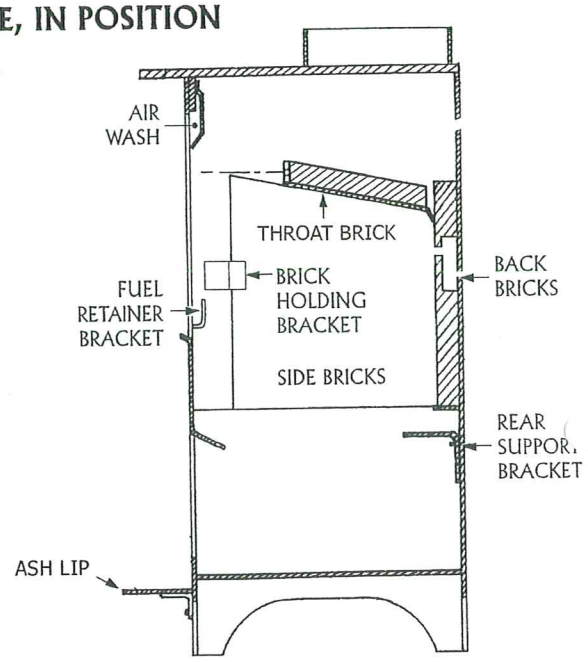
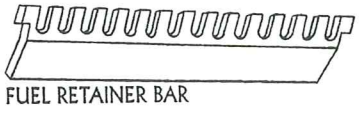


FIG.9



1. FITTING THE GRATE BARS

To fit grate bars remove fuel retaining bar and place the four stainless steel bars with the cut out to front of stove and with with the bent sides facing down. Then replace the fuel retaining bar.

2. FITTING FUEL RETAINER BAR

A. See FIG. 4, 6+9. Note the fuel retainer brackets, one each side of the door opening.

B. See FIG. 4. and 9. fuel retainer bar, take hold with the castle projections uppermost and the sloping skirt facing inwards to the firebox to . Slide the retainer bar into the holding brackets.

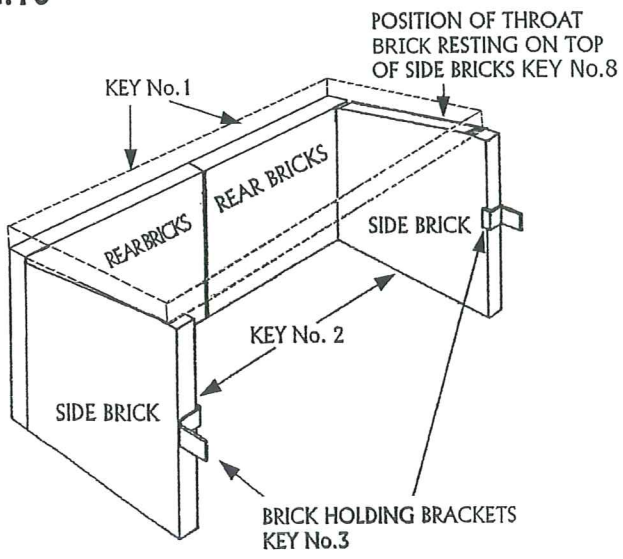
NOTE- The fuel retainer bar must be taken out first to remove the grate bars.

KEY No.	LIST OF SPARE PARTS items marked * not on drawing	No. OFF	DUNSLEY PART No.
1	Back bricks, interchangeable	2	02202
2	Side bricks, interchangeable	2	02101
3	Firebrick holding brackets, interchangeable	2	02007
7	Fuel retainer bar	1	02205
8	Throat Brick	1	02204
9	Hooked poker	1	02016
10	Operating tool	1	02017
11	Door knob assembly, knob brass	1	02018
12	Hinge assembly, door	1	02019
13	Hinge pin retainer, top hinge only	1	02020
14	Ash shovel	1	02207
*	Ceramic glass for door	1	02208
*	Door	1	02209
*	Glass retainer tabs with screws	1	02032
*	Fibre seal for glass	1	02033
*	Sealing rope for door	1	02210
*	Sealing rope glue	1	02038
Page.9	Blanking Plate	1	02213
Page.9	Flue Outlet Spigot	1	02214
15	Flue Sealing Gaskets	2	02215
*	Boiler stainless steel	1	02216

FIREBRICKS - See Fig. 10 below.

The Highlander-5 Stove is supplied with all firebricks fitted. The firebricks should not be removed except to replace broken ones:- To remove firebricks, remove throat plate, lift up at left side facing pushing up to top and lowering the other end to remove. To remove side bricks remove the brick holding brackets one at left and right at the front. The brackets are not fixed by screws, lift up to remove, lightly tap if necessary, the side bricks and rear brick can then be removed. To replace fit rear bricks then side bricks then brackets then throat plate.

FIG.10



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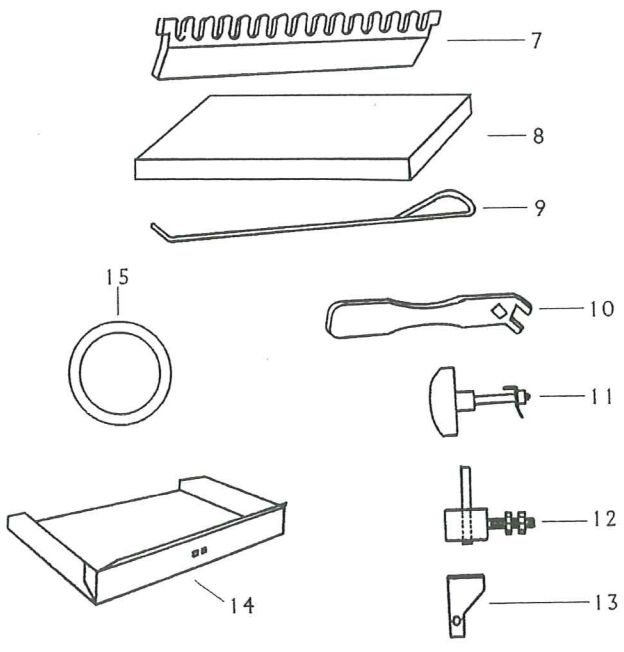


N.B. DRAWINGS NOT TO SCALE

TO REPLACE DOOR GLASS OR FIBRE SEAL

The glass is held in position by four retainer tabs, remove the tabs, ease the glass out at the bottom then remove. Check fibre seal and replace with new as required, check small gaskets on retainer tabs and replace as required.

Replace in reverse order.

If it is required to remove the door it is not necessary to disturb the door hinge adjustment.

Open the door to at least 90°.

The door is pivoted on top and bottom pin. Remove the hinge pin retainer, (top hinge only). Remove the bottom pin upwards. Remove the top pin downwards.

Replace in reverse order.

In some instances it could be necessary to insert a screwdriver, or similar, under the head of the pin to move it out.

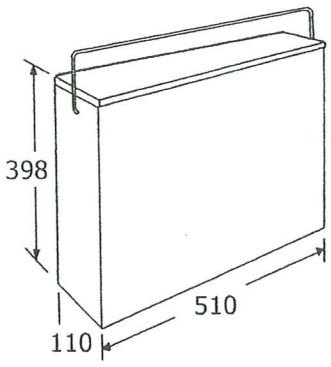
TO RENEW THE SEALING ROPE ON THE DOOR

Remove old sealing rope, clean metal groove with steel wool or similar, put adhesive Part No. 02038 in bottom of groove and push new sealing rope firmly in position.

AVAILABLE ACCESSORIES FOR THE ENVIRO-BURN 5 MULTI-FUEL STOVE

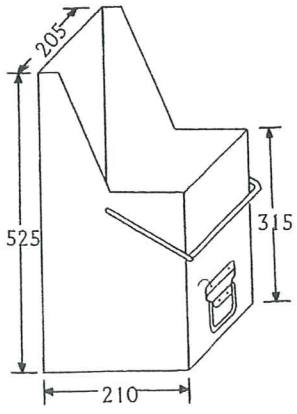
ALL MEASUREMENTS IN MILLIMETRES

Multi-Fuel Ash Container Dunsley Part No. 01414



The ash shovel slides into the ash container to avoid possible spillage of ash when carrying through your residence.

Fuel Carrier Dunsley Part No. 01429



The nose fits easily through the door of the to re-fuel.

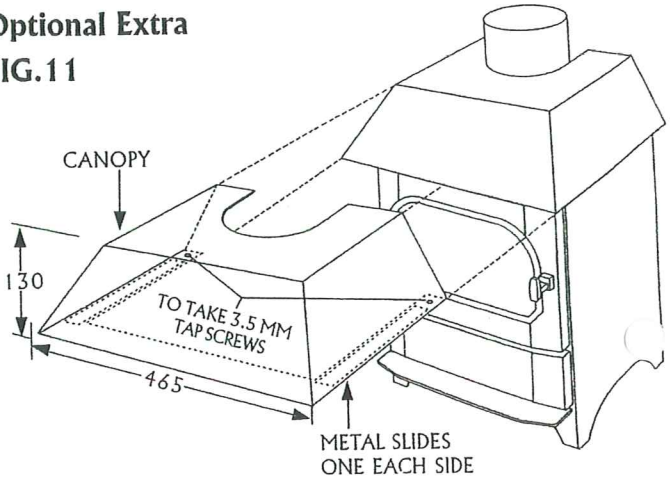
Decorative Window Trim Part No. 02200

This window trim is easy to fit or remove. Push the top projections up the front of the glass, between the glass and iron frame, then lower bottom protrusions between glass and iron frame, push down into position. Reverse to remove.

Enviro-burn 5 Canopy part No.02201

Optional Extra

FIG.11



The Canopy is available as an optional extra, it can be fitted or removed at any time.

The canopy is fitted after the installation of the stove has been completed, the flue system checked with the stove under fire.

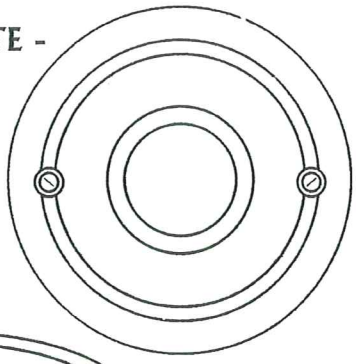
To fit the canopy slide the open end onto the top of the stove with the bottom below the stove top and the metal brackets on each side of the inside of the canopy sliding on top of the stove top, push well back to stop. The two holes at the back of the bottom flanges are to take the two 3.5mm x 16mm tap head screws provided. Screw the screws fully in, they come through at the back of the Highlander top and hold the canopy in position, see FIG. 11.

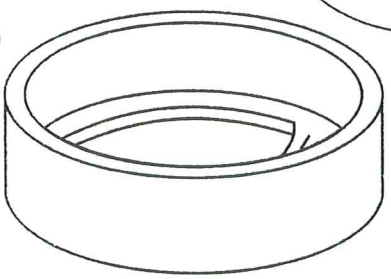
A Canopy is also available without a recess for the flue, if you are using the rear flue outlet. It fits in exactly the same way. Quote part no. 02212.

CONVERTING TO REAR FLUE OUTLET

The Enviro-burn 5 can be fitted as a top or rear flue outlet. For transport reasons it is supplied with the flue outlet fitted to the top position and the blanking plate fitted to the rear outlet position. They are not permanently fixed and are interchangeable. Remove both, decide which position you intend to use them, using the two ceramic gaskets supplied fix them in the position required ensuring the joint is sealed with the gasket and the slotted set screws are well tightened.

BLANKING PLATE -
Part no. 02213

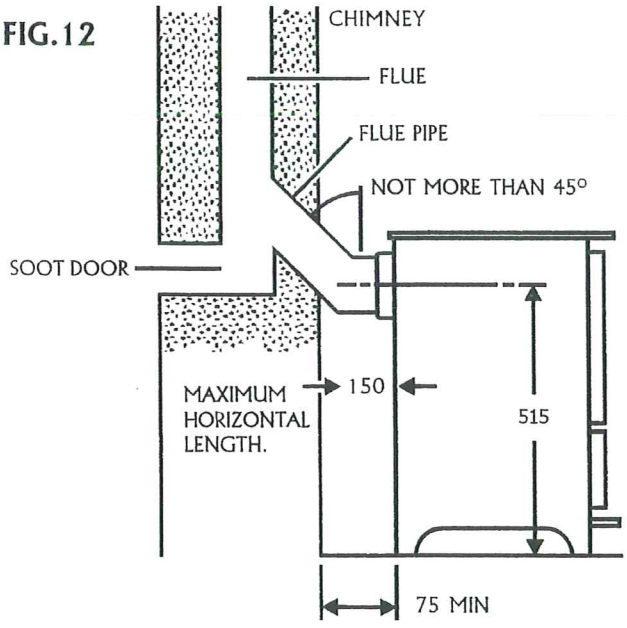




FLUE OUTLET -
Part no. 02214

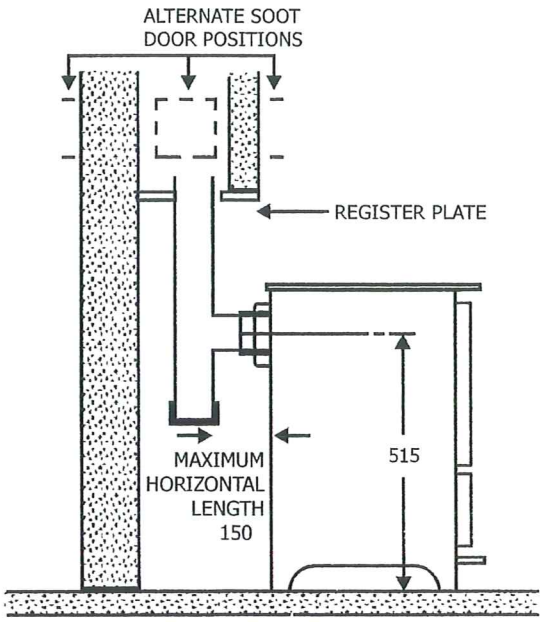
REAR FLUE OUTLET INSTALLATION

FIG.12



REAR FLUE OUTLET INSTALLATION ALTERNATIVE

FIG.13



FOR YOUR INFORMATION- DUNSLEY ALSO MANUFACTURE

Real Flame Solid Fuel open Fires with High output boilers.

Dunsley Yorkshire stove. H.M. Government clean air act approval Smokless stove.

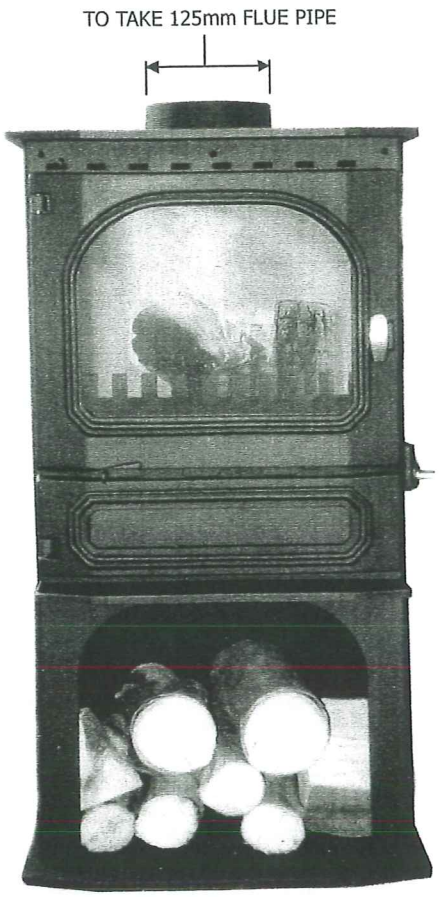
Dunsley/Baker Neutralizer to link two boilers into one central heating system.

Oxypic inhibitor and leak sealer.
Guards against scaling, rusting, oxide sludge and leaks.

Please phone for advice or literature.

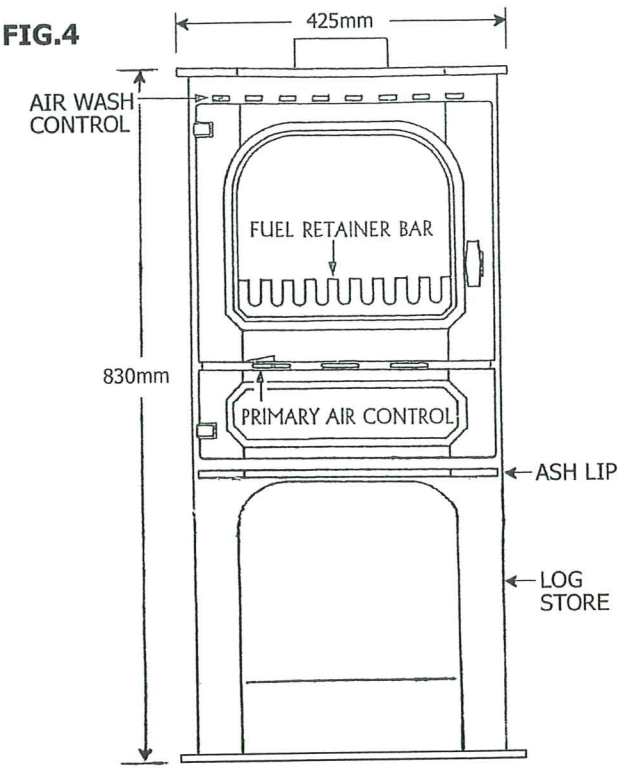
N.B. DRAWINGS NOT TO SCALE ALL MEASUREMENTS IN MILLIMETRES

ENVIRO-BURN - 5
WITH ATTACHED LOG STORE



STOVE FRONT VIEW

FIG.4



MEASUREMENT BACK TO FRONT INCLUDING ASHLIP 385MM

GROSS WEIGHT - 100Kg

Levelling adjusting bolts are fitted in each four corners of the log stove base and are adjusted by thread action with the bolt heads facing down to give a firm base and assist in levelling the stove.

One 8.5mm hole is provided in each of the four corners of the base to fix the stove to the hearth.

If it is required to convert to a rear flue outlet please see page 9.

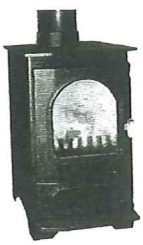
A Canopy can be fitted to the log stove if required, see page 8. Please note this would increase the overall height of the stove by 130mm.

See page 8 if you wish to fit a decorative window trim.

WHY CHOOSE A ENVIRO-BURN 5 WITH ATTACHED LOG STORE?

It gives you somewhere to put the logs ready to re-fuel the stove. It makes it easier to reach all the controls and remove the ash, which also makes it easier to use for the older and infirm.

N.B. DRAWINGS NOT TO SCALE



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Specialists in Solid Fuel Open Fire Central Heating Boilers, Genuine Range Cookers and Multi Fuel Stoves.

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Web Sites: www.dunsleyheat.co.uk www.multifuelcookers.co.uk

Dunsley operate a policy of constant development. Details can vary as development continues from those given in this publication.

LEAVE THESE INSTRUCTIONS ADJACENT TO THE INSTALLED AND TESTED APPLIANCE